Confirmation No. 3698 PTO/SB/21 (09-04)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of Information unless it displays a valid OMB control number. Application Number 10/709,699 Filing Date TRANSMITTAL 24 May 2004 First Named Inventor Kanguo Cheng **FORM** Art Unit 2818 **Examiner Name** Thao P. Le (to be used for all correspondence after initial filing) Attorney Docket Number FIS920040131US1 15 Total Number of Pages in This Submission **ENCLOSURES** (Check all that apply) After Allowance Communication to TC 1 Fee Transmittal Form Drawing(s) Appeal Communication to Board Licensing-related Papers of Appeals and Interferences Fee Attached Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) **/** Petition Amendment/Reply Petition to Convert to a **Proprietary Information Provisional Application** After Final Power of Attorney, Revocation Status Letter Change of Correspondence Address Affidavits/declaration(s) Other Enclosure(s) (please Identify Terminal Disclaimer below): **Extension of Time Request** Request for Refund **Express Abandonment Request** CD, Number of CD(s) Information Disclosure Statement Landscape Table on CD Remarks Certified Copy of Priority Document(s) Reply to Missing Parts/ Incomplete Application Reply to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Name Graham S. Jones, II Signature Printed name Graham S. Jones, II Reg. No. Date 20,429 7 March 2005 CERTIFICATE OF TRANSMISSION/MAILING I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mall in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below: Signature Date 8 March 2005 Graham S. Jones, II Typed or printed name

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

DT0/00/47 (40 04)

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMENT FEE TRANSMITTAL FOR FY 2005 Applicant claims small entity status. See 37 CFR 1.27 TOTAL AMOUNT OF PAYMENT (\$) 0 Attorney Docket No. Fis920040131US1 METHOD OF PAYMENT (check all that apply) Check Credit Card Money Order Number Deposit Account: Opposit Account, the Director is hereby authorized to: (check all that apply) Charge fee(s) indicated below Charge eney additional fee(s) or underpayments of fee(s) Charge eney additional fee(s) or underpayments of fee(s) WARNING: Information on this form may become public. Credit card Information abundants on PTO-2038. FEE CALCULATION 1. BASIC FILING, SEARCH, AND EXAMINATION FEES FILING FEES FULING FEES PLING FEES PEES PLING FEES PEE	4 2005 님	matio	1110 5050	•	II O Detect one			31/2006. OMB 0651-0032
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METHOD OF PAYMENT (\$)			Con 27 OFR 4 27	E	Examiner Name Thao P. Le			
METHOD OF PAYMENT (check all that apply) □ Check □ Credit Card □ Money Order □ None □ Other (please identify): □ Deposit Account Depost Account Number: 09-0458 □ Deposit Account Name: international Business Machines Corporation For the above-identified deposit account, the Director is hereby authorized to: (check all that apply) □ Charge fee(s) indicated below □ Charge fee(s) indicated below, except for the filing fee □ Charge eney additional fee(s) or underpayments of fee(s) □ Credit any overpayments WARNING: information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. FEE CALCULATION 1. BASIC FILING, SEARCH, AND EXAMINATION FEES FILING FEES SEARCH FEES LUtility 300 150 500 250 200 100 Design 200 100 100 50 130 65 Plant 200 100 300 150 160 80 Reissue 300 150 500 250 600 300 Provisional 200 100 300 150 160 80 Reissue 300 150 500 250 600 300 Provisional 200 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Applicant claims small	enuty status	. See 37 CFR 1.27	— [△	rt Unit	281	2818	
Check Credit Card Money Order None Other (please identify): Deposit Account Deposit Account Number: 09-0458 Deposit Account Name International Business Machines Corporation For the above-identified deposit account, the Director is hereby authorized to: (check all that apply) Charge fee(s) indicated below	TOTAL AMOUNT OF PAY	MENT (\$)	0	A	ttorney Docket No	. FIS	920040131US1	
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Signature	14	AN	Registration No. 20,429 (Attorney/Agent)	Telepho	^{ne} (845) 473-9118
Name (Print/Type)	Grahan	n S. Jonés, II'		Date	8 March 2005

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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8 March 2005 Date of Deposit

Graham S. Jones, II; Reg. No. 20,429

Name of Person Making Deposit

Signature

8 March 2005

Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors:	Kanguo Cheng	Date:	8 March 2005
Serial No.:	10/709,699	Art Unit:	2818
Filing Date:	24 May 2004	Examiner:	Thao P. Le
Confirmation No.	3698	Docket No.	FIS920040131US1
Title:	TRENCH OPTICAL DEVICE	Attorney:	Graham S. Jones, II 42 Barnard Avenue Poughkeepsie, NY 12603-5023

AMENDMENT

The Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Your Honor:

In response to the Office Action of 23 February 2005, please amend the aboveidentified application as follows:

Amendments to the Specification begin on page 2 of this paper

Amendments to the Claims begin on page 7 of this paper.

Remarks/Arguments begin on page 12 of this paper.